

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/534,593
Source: PCU/10
Date Processed by STIC: 5/19/05

ENTERED



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/534,593

DATE: 05/19/2005
 TIME: 10:34:20

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3 <110> APPLICANT: ASHIKARI, MOTOYUKI
 4 MATSUOKA, MAKOTO
 5 LIN, SHAOYANG
 6 YAMAMOTO, TOSHIO
 7 NISHIMURA, ASUKA
 8 TAKASHI, TOMONORI
 10 <120> TITLE OF INVENTION: GENES FOR INCREASING CROP YIELD AND USES THEREOF
 12 <130> FILE REFERENCE: SHZ-024US
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/534,593
 C--> 15 <141> CURRENT FILING DATE: 2005-05-11
 17 <150> PRIOR APPLICATION NUMBER: PCT/JP03/14434
 18 <151> PRIOR FILING DATE: 2003-11-13
 20 <150> PRIOR APPLICATION NUMBER: 60/425,919
 21 <151> PRIOR FILING DATE: 2002-11-13
 23 <160> NUMBER OF SEQ ID NOS: 14
 25 <170> SOFTWARE: PatentIn version 3.3
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 5400
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85 aaattcacac acacactgac acacacaaaac cgatcgattt attgatttat a atg aag      177
86                                         Met Lys
87                                         1
89 caa gag cag gtc agg gca gtg ctc ctc atg ctc aac tgc ttc gtc      225
90 Gln Glu Gln Val Arg Met Ala Val Leu Leu Met Leu Asn Cys Phe Val
91      5          10          15
93 aag gcc acg gcg ccg cca tgg ccg ccg tcg gct tcg tcc gcc tcc      273
94 Lys Ala Thr Ala Pro Pro Trp Pro Pro Ser Ala Ser Ser Ala Ser
95      20         25         30
97 ttc ctc gac gac ctc ggc gac ctc ggc atc gcg ccg ctc atc cgc gcc      321
98 Phe Leu Asp Asp Leu Gly Asp Leu Gly Ile Ala Pro Leu Ile Arg Ala
99 35      40          45          50
101 gac gag ggc acc gcg cgc gcc tcc gac ttt ggc aac ctc tcc      369
102 Asp Glu Ala Gly Thr Ala Arg Ala Ser Ala Asp Phe Gly Asn Leu Ser
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105 gtc gcc gtc ggg gcg cct ccg ctc gcc gcc gcc gcc gtg ctc      417
106 Val Ala Gly Val Gly Ala Pro Arg Leu Ala Ala Ala Ala Val Leu
107      70          75          80
109 tac ccg tcg cgc ccc gac atc gcc gcg ctg ctg cgc gcg tcg tgc      465
110 Tyr Pro Ser Arg Pro Ala Asp Ile Ala Ala Leu Leu Arg Ala Ser Cys
111      85          90          95
113 gca cgc ccg gcg ccg ttc gcg gtg tcc gcg ccg ggg tgt ggc cac tcg      513
114 Ala Arg Pro Ala Pro Phe Ala Val Ser Ala Arg Gly Cys Gly His Ser
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117 gtg cac ggc cag gcc tcc gcg ccc gac ggc gtc gtc gac atg gcg      561
118 Val His Gly Gln Ala Ser Ala Pro Asp Gly Val Val Val Asp Met Ala
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121 tcg ctc ggc cgc ctg cag ggc ggc gcg ccg cgc ctc gcc gtg tca      609
122 Ser Leu Gly Arg Leu Gln Gly Gly Ala Arg Arg Leu Ala Val Ser
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125 gtg gag ggg ccg tac gtc gac gcc ggc ggc gag cag ctg tgg gtg gac      657
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131	165						170						175				
133	gac	tac	ctc	cac	ctc	acc	gtc	ggc	ggc	acg	ctg	tcc	aac	gcc	ggc	atc	753
134	Asp	Tyr	Leu	His	Leu	Thr	Val	Gly	Gly	Thr	Leu	Ser	Asn	Ala	Gly	Ile	
135	180						185						190				
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138	Ser	Gly	Gln	Ala	Phe	Arg	His	Gly	Pro	Gln	Ile	Ser	Asn	Val	Leu	Glu	
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141	ctc	gac	gtc	atc	acc	ggtacgtaga	tccatcacat	ctactaagac	acgcgccccc								856
142	Leu	Asp	Val	Ile	Thr												
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146														Gly	Val		
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155	235						240					245					
157	atc	ccg	ctc	gcf	ccg	ccg	ccg	agg	gcf	ccg	tgg	gtg	ccg	ttc	gtg		1057
158	Ile	Pro	Leu	Ala	Pro	Ala	Arg	Ala	Arg	Trp	Val	Arg	Phe	Val			
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161	tac	acg	acg	gcf	gcf	atg	acg	gcc	gac	cag	gag	ccg	ctc	atc	gcc		1105
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165	gtc	gat	cgf	gcc	ggc	ggc	ggc	gcf	gtg	ggc	ctg	atg	gac	tac			1153
166	Val	Asp	Arg	Ala	Gly	Gly	Ala	Val	Gly	Gly	Leu	Met	Asp	Tyr			
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169	gtc	gag	ggc	tcg	gtc	cac	ctg	aac	cag	ggc	ctg	gtc	gag	acc	tgg	ccg	1201
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174	Thr	Gln	Pro	Gln	Pro	Pro	Ser	Pro	Ser	Ser	Ser	Ser	Ser	Ser	Ser	Phe	
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186	Ala	Gly	Pro	Ser	Ala	Ala	Asp	Val	Asp	Lys							
187	365					370											
189	ctt	gct	ctg	ctc	gtc	gag	ccg	ggg	tcc	acc	ctg	tgt	gtt	ggc	aca	act	1455
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193	gg	gtt	ctg	at	ggg	ctt	ttt	gg	cc	at	gt	cc	at	gg	ct	aa	1575
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209	taatttttt ttatcttcct tagtcccgg agagacaaag attagatact atagtagcaa	2055
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219	cagtcttcag aacgcacaac ttaacaggat atttttgtat tatattttt taaaaaaaaa	2355
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231	ctgttgttct gcacaaaact actactcatc ggtcctaaaa tataagaatt taaaattgga	2715
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243	tattaactat tttaaatttc aaaaatggat taatatgatt ttttaaagca actttcctat	3075
245	ataaaattttt tacaaaaaac acaccgttta atagtttggaa aagcgtactt gcggaaaacg	3135
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275	380 385 390 395	
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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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VERIFICATION SUMMARY

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L:14 M:270 C: Current Application Number differs, Replaced Application Number

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:4021